

1 **Abstract of the Invention**

2 An improved golf club fitting system for fitting a set of
3 golf clubs to a player includes the steps of measuring a player's
4 hand grip strength and selecting a representative golf club having
5 a dead weight directly proportional to the player's grip strength.
6 The club length and the swing weight of the representative golf
7 club are then determined by standard testing procedures commonly
8 used in the golf club industry. A balance index (BI) for the
9 representative golf club is then computed by dividing the dead
10 weight (DW) by the swing weight (SW) ($DW/SW = BI$) and the balance
11 index (BI) is compared to the dead weight to determine generally
12 corresponding values for the remaining other golf clubs in the set
13 such that the system user can match different irons and woods to
14 the representative golf club thereby creating an ideal matched set
15 of golf clubs for the player.